

THE PORT AUTHORITY  
OF NY & NJ



ORIGINAL SIGNED & SEALED BY  
N.Y. P.E. (OR R.A.)

**Joseph R. Lofing  
& Associates, Inc.**  
consulting engineers

One Pennsylvania Plaza  
New York, New York 10004-0048  
Tel: (212) 563-7400, Fax: (212) 563-7382

THE OFFICE OF  
**DAVID  
ELLIOT  
LEBOWITZ  
PC**  
ARCHITECTS - PLANNERS  
100 WEST STREET, NEW YORK, NY 10006  
Tel: (212) 691-1000 Fax: (212) 691-1001

**LESLIE E. ROBERTSON  
ASSOCIATES, RLLP**  
CONSULTING STRUCTURAL ENGINEERS  
20 EAST 40TH STREET, NEW YORK, NY 10018  
Tel: (212) 691-1000 Fax: (212) 691-1001

I HEREBY CERTIFY THAT THIS IS A TRUE AND CORRECT  
COPY OF ONE OF THE CONTRACT DRAWINGS COM-  
MITTING A PART OF CONTRACT NO. WTC-945-071  
IN THE FORM IN WHICH SAID DRAWINGS EXISTED AT  
THE TIME THE SAID CONTRACT WAS EXECUTED BY  
THE PARTIES.  
DATE 1/16/98 *William A. Kelly*  
DATE 1/16/98 *FL*  
SPEC. WRITER  
ENGINEER OF DESIGN

12/12/97 ASO BY (S) CLARITY SUPPORTS  
11/17/97 ISSUED FOR BID

No. Date Revision Approved

Engineering Department

Design Division

**The  
World  
Trade  
Center**

Title  
**STANDBY POWER  
5 WORLD TRADE CENTER**

**STRUCTURAL  
2 WTC AND 1 WTC  
(FUTURE-NIC) FEEDER  
DETAILS**

This drawing subject to conditions in contract.  
All inventions, ideas, designs and methods  
herein are reserved to Port Authority and  
may not be used without its written consent.

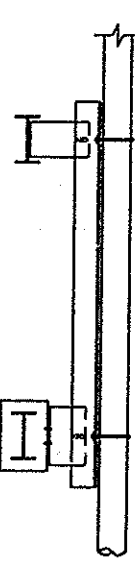
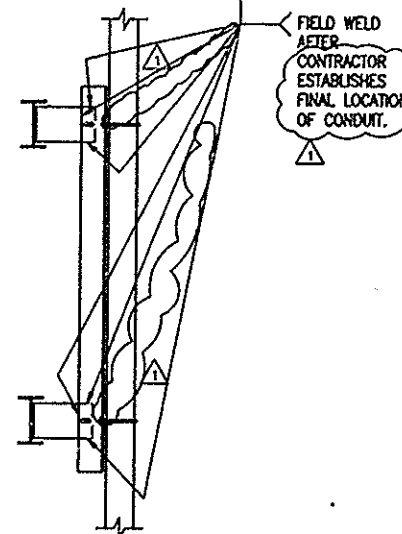
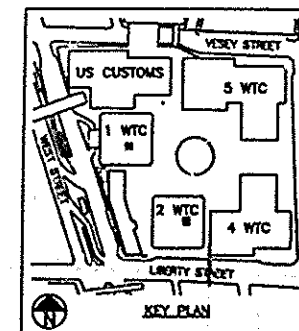
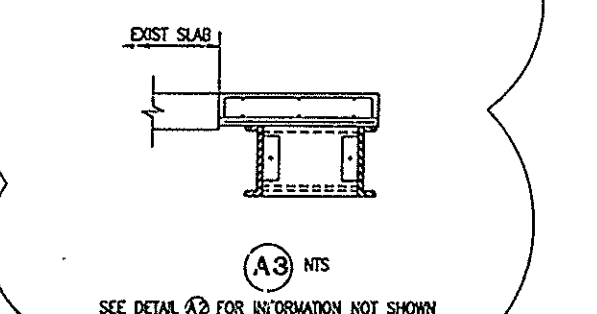
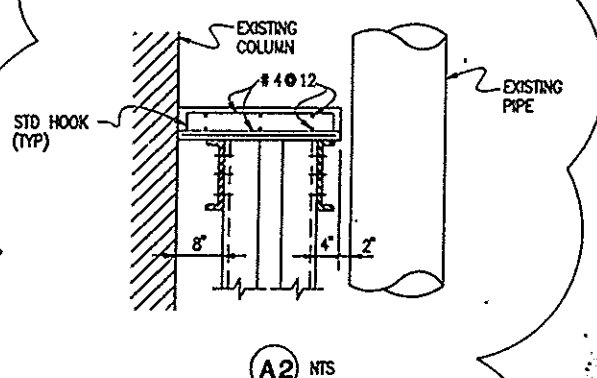
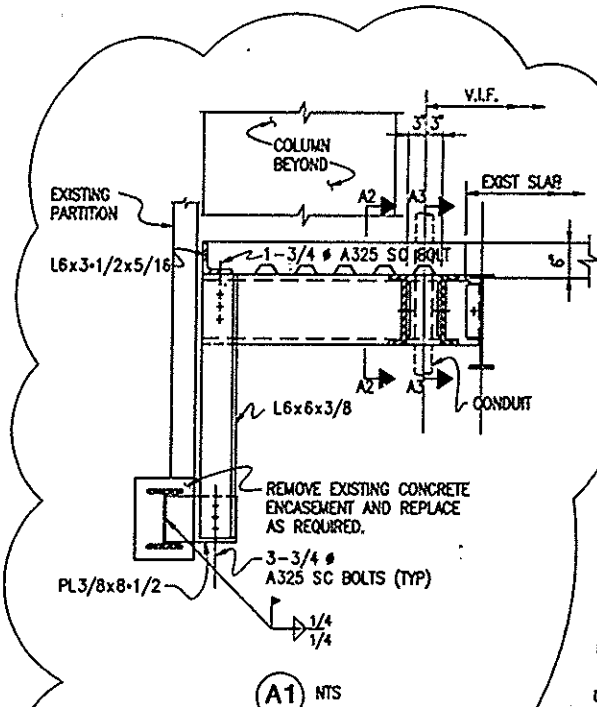
MVS BAZ RZ  
Designed by Drawn by Checked by

Date 11/17/97 Scale AS NOTED

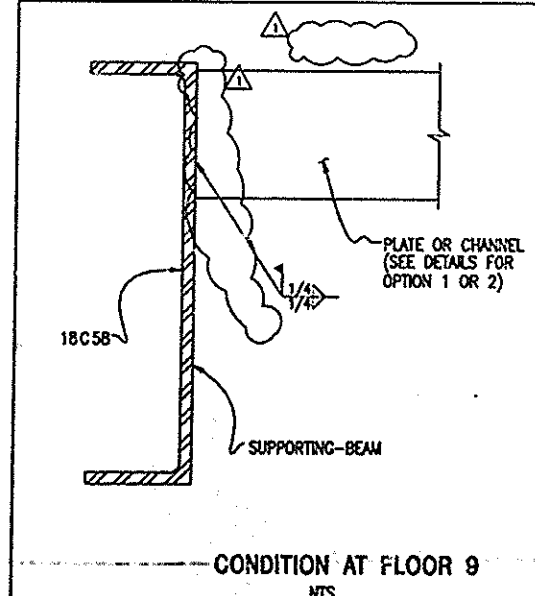
Contract Number WTC-945.071 Drawing Number S5-05

NOTES:

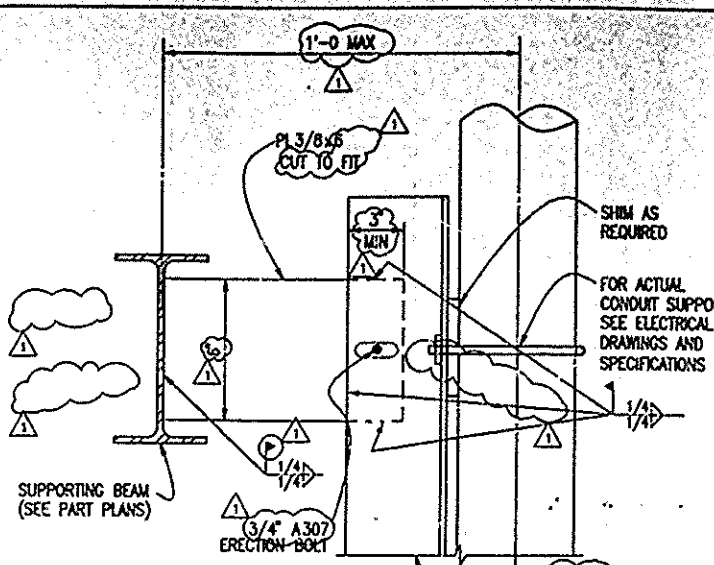
- CONTRACTOR SHALL SURVEY THE WORK SITE AND VERIFY LOCATION AND SIZE OF EXISTING SUPPORTING BEAMS AS WELL AS IDENTIFY WHERE SUPPORTING BEAMS ARE CONCRETE ENCASED.
- DETAILS IN THIS DWG SHOW ADDED STRUCTURAL STEEL WHICH ACTUAL CONDUIT SUPPORTS CONNECT TO. COORDINATE THIS WORK WITH ELECTRICAL WORK.
- DETAILS IN THIS DWG SHOW TWO OPTIONS THAT ACCOMMODATE CONTEMPLATED FIELD CONDITIONS. NOT ALL CONDITIONS HAVE BEEN CONTEMPLATED. CONTRACTOR SHALL PROPOSE ALTERNATIVE DETAIL CONFIGURATIONS AS REQUIRED TO ACCOMMODATE ACTUAL CONDITIONS.
- CONTRACTOR SHALL PREPARE AND SUBMIT SHOP DWGS OF STRUCTURAL STEEL DETAILS. SHOP DWGS SHALL INCLUDE THE FOLLOWING:  
A) SURVEYED LOCATION OF EXISTING SUPPORTING BEAMS AT EACH FLOOR.  
B) SELECTED DETAIL DWGS OF ADDED STRUCTURAL STEEL AT EACH FLOOR.



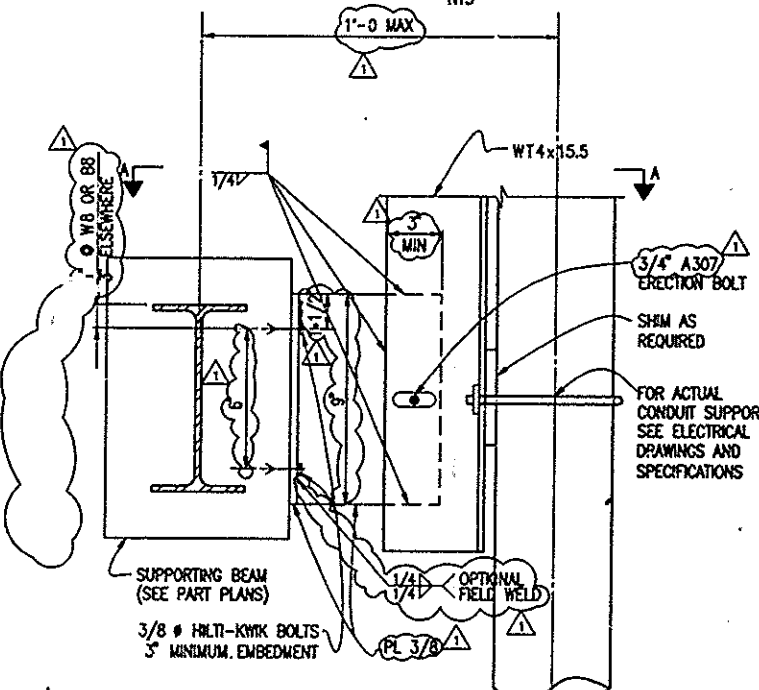
ELEVATION :  
NTS



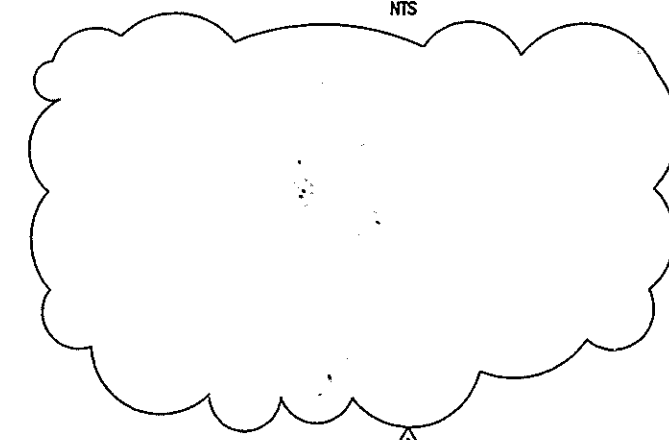
CONDITION AT FLOOR 9  
NTS



WHERE SUPPORTING BEAM  
IS NOT CONCRETE ENCASED  
FLOORS B1-41 & 44-108  
NTS

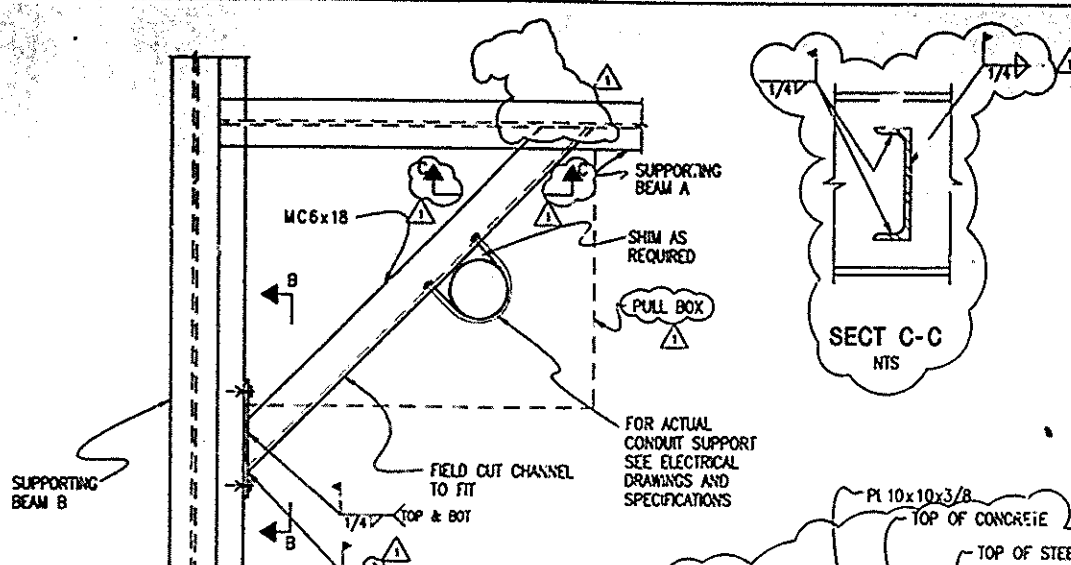


WHERE SUPPORTING BEAM  
IS CONCRETE ENCASED  
FLOORS B1-41 & 44-108  
NTS



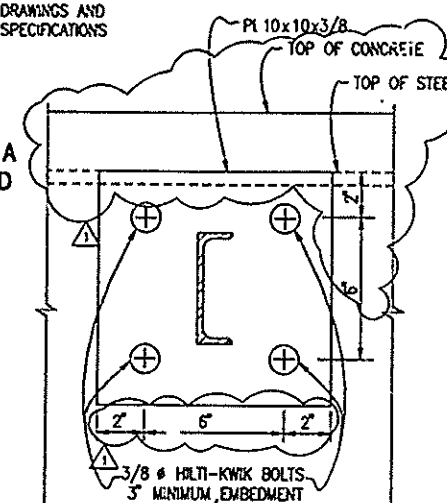
SECTION A-A  
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OPTION 1

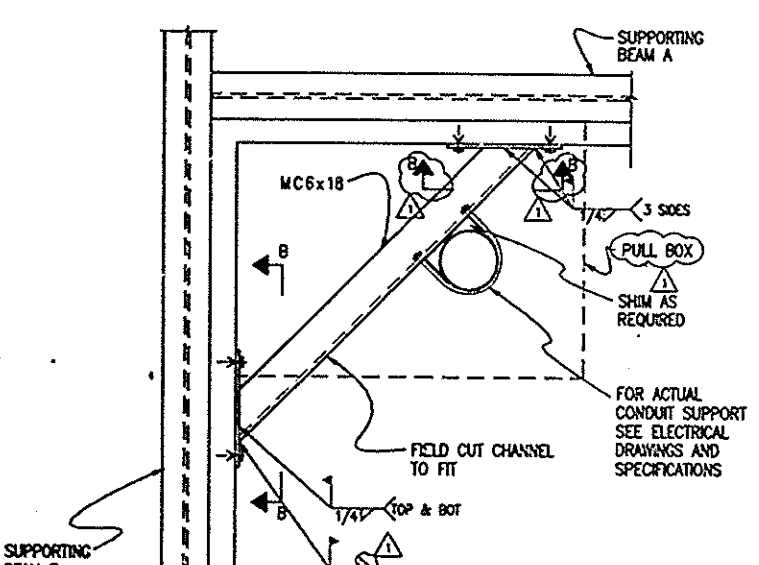


WHERE SUPPORTING BEAM A  
IS NOT CONCRETE ENCASED

FLOORS B1-41

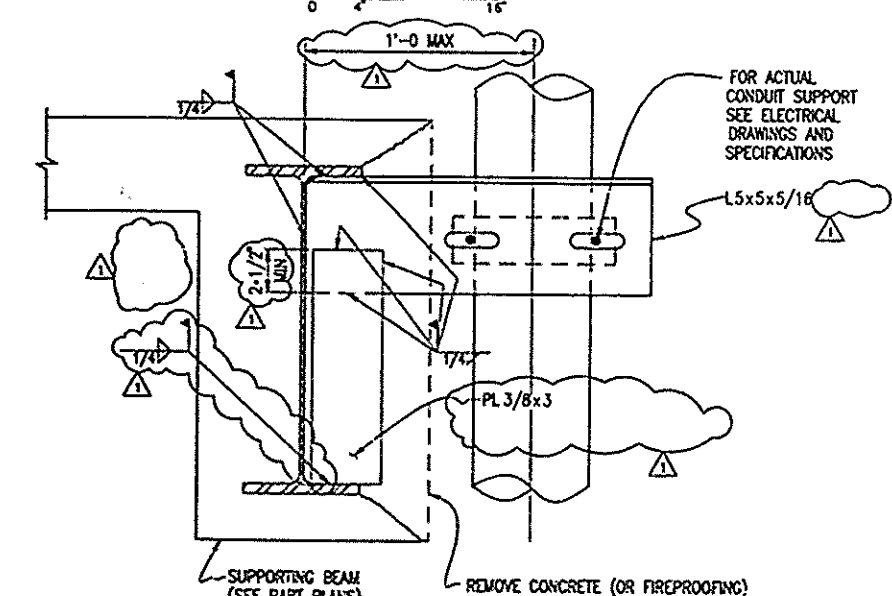


SECTION B-B  
NTS



WHERE SUPPORTING BEAM A  
IS CONCRETE ENCASED

FLOORS B1-41



FLOORS 44 TO 108  
NTS

OPTION 2